

SEQUENCE LISTING

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<120> N-TERMINAL MODIFICATIONS OF RANTES AND METHODS OF USE

<130> GRFN-026/03US

<140> 09/141,833

<141> 1998-08-28

<150> 60/056,292

<151> 1997-09-03

<150> 60/077,874

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<150> 60/090,834

<151> 1998-06-26

<160> 16

<170> PatentIn Ver. 2.0

<210> 1

<211> 68

<212> PRT

<213> Homo sapiens

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Ser	Pro	Tyr	Ser	Ser	Asp	Thr	Thr	Pro	Cys	Cys	Phe	Ala	Tyr	Ile	Ala
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Arg	Pro	Leu	Pro	Arg	Ala	His	Ile	Lys	Glu	Tyr	Phe	Tyr	Thr	Ser	Gly
		20						25					30		

Lys	Cys	Ser	Asn	Pro	Ala	Val	Val	Phe	Val	Thr	Arg	Lys	Asn	Arg	Gln
	35						40					45			

Val	Cys	Ala	Asn	Pro	Glu	Lys	Lys	Trp	Val	Arg	Glu	Tyr	Ile	Asn	Ser
	50					55					60				

Leu	Glu	Met	Ser
65			

<210> 2

<211> 67

<212> PRT

<213> Homo sapiens

<400> 2

Pro Tyr Ser Ser Asp Thr Thr Pro Cys Cys Phe Ala Tyr Ile Ala Arg
1 5 10 15

Pro Leu Pro Arg Ala His Ile Lys Glu Tyr Phe Tyr Thr Ser Gly Lys
20 25 30

Cys Ser Asn Pro Ala Val Val Phe Val Thr Arg Lys Asn Arg Gln Val
35 40 45

Cys Ala Asn Pro Glu Lys Lys Trp Val Arg Glu Tyr Ile Asn Ser Leu
50 55 60

Glu Met Ser
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<210> 3

<211> 32

<212> PRT

<213> Homo sapiens

<400> 3

Pro Tyr Ser Ser Asp Thr Thr Pro Cys Cys Phe Ala Tyr Ile Ala Arg
1 5 10 15

Pro Leu Pro Arg Ala His Ile Lys Glu Tyr Phe Tyr Thr Ser Gly Lys
20 25 30

<210> 4

<211> 35

<212> PRT

<213> Homo sapiens

<400> 4

Cys Ser Asn Pro Ala Val Val Phe Val Thr Arg Lys Asn Arg Gln Val
1 5 10 15

Cys Ala Asn Pro Glu Lys Lys Trp Val Arg Glu Tyr Ile Asn Ser Leu
20 25 30

Glu Met Ser
35

<210> 5

<211> 68

<212> PRT

<213> Homo sapiens

<400> 5

Gly Pro Tyr Ser Ser Asp Thr Thr Pro Cys Cys Phe Ala Tyr Ile Ala
1 5 10 15

Arg Pro Leu Pro Arg Ala His Ile Lys Glu Tyr Phe Tyr Thr Ser Gly
20 25 30

Lys Cys Ser Asn Pro Ala Val Val Phe Val Thr Arg Lys Asn Arg Gln
35 40 45

Val Cys Ala Asn Pro Glu Lys Lys Trp Val Arg Glu Tyr Ile Asn Ser
50 55 60

Leu Glu Met Ser
65

<210> 6
<211> 33
<212> PRT
<213> Homo sapiens

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Gly Pro Tyr Ser Ser Asp Thr Thr Pro Cys Cys Phe Ala Tyr Ile Ala
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Arg Pro Leu Pro Arg Ala His Ile Lys Glu Tyr Phe Tyr Thr Ser Gly
20 25 30

Lys

<210> 7
<211> 35
<212> PRT
<213> Homo sapiens

<400> 7
Cys Thr Arg Pro Asn Asn Asn Thr Arg Lys Ser Ile His Ile Gly Pro
1 5 10 15

Gly Arg Ala Phe Tyr Thr Thr Gly Glu Ile Ile Gly Asp Ile Arg Gln
20 25 30

Ala His Cys
35

<210> 8
<211> 34
<212> PRT
<213> Homo sapiens

<400> 8

Cys Thr Arg Pro Asn Asn Asn Thr Arg Arg Ser Ile Ser Ile Gly Pro
1 5 10 15

Gly Arg Ala Phe Arg Thr Thr Glu Ile Ile Gly Asp Ile Arg Gln Ala
20 25 30

His Cys

<210> 9

<211> 34

<212> PRT

<213> Homo sapiens

<400> 9

Cys Thr Arg Pro Asn Asn Asn Thr Arg Arg Ser Ile Ser Ile Gly Pro
1 5 10 15

Gly Arg Ala Phe His Thr Thr Glu Ile Ile Gly Asp Ile Arg Gln Ala
20 25 30

His Cys

<210> 10

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<212> PRT

<213> Homo sapiens

<400> 10

Cys Thr Arg Pro Asn Asn Asn Thr Arg Arg Ser Ile Ser Ile Gly Pro
1 5 10 15

Gly Arg Ala Phe Arg Thr Thr Gln Ile Ile Gly Asp Ile Arg Gln Ala
20 25 30

His Cys

<210> 11

<211> 34

<212> PRT

<213> Homo sapiens

<400> 11

Cys Thr Arg Pro Asn Asn Asn Thr Arg Arg Ser Ile Ser Ile Gly Pro
1 5 10 15

Gly Arg Ala Phe Arg Thr Thr Gln Ile Val Gly Asn Leu Arg Gln Ala
20 25 30

His Cys

<210> 12
<211> 34
<212> PRT
<213> Homo sapiens

<400> 12
Cys Thr Arg Pro Asn Asn Asn Thr Arg Arg Ser Ile Ser Ile Gly Pro
1 5 10 15
Gly Arg Ala Phe His Thr Thr Glu Ile Ile Gly Asp Thr Arg Gln Ala
20 25 30

His Cys

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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ccaattccca tacattattg 20

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attacagtag aaaaattccc c 21

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<220>
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cagtacaatg tacacatgga att 23

<210> 16
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<223> Description of Artificial Sequence: Primer

aatttctggg tcccctcctg a

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